

AMENDMENTS TO THE CLAIMS

Listing of Claims:

1. (Currently Amended) A burner for a heater for combustion of a hydrocarbon liquid, the burner comprising:

a combustion chamber having a combustion zone for combusting the hydrocarbon liquid and at least one tank portion for containing an amount of the hydrocarbon liquid, the or each tank portion being positioned adjacent the combustion zone and being arranged to feed the hydrocarbon liquid into the combustion zone, the or each tank portion being at least in part filled with a filling material having a plurality of portions that pass through the interior of the or each tank portion,

wherein the filling material is arranged for distribution of at least some of the heat that is ~~in use~~ developed in the combustion zone and is directed into the or each tank portion whereby at least one local heat maxima in the tank portion ~~are~~ is reduced, and thereby reducing the likelihood of ignition in the tank portion ~~is reduced~~.

2. (Original) The burner as claimed in claim 1 wherein the filling material comprises more than one hundred particles which define spaces between them.

3. (Original) The burner as claimed in claim 1 wherein the filling material comprises a mesh.

4. (Original) The burner as claimed in claim 1 wherein the filling material comprises a mesh gauze.

5. (Original) The burner as claimed in claim 1 wherein the filling material comprises steel wool.

6. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims~~ wherein the filling material comprises a metallic material.

7. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims being a~~ wherein the burner is part of a fireplace.

8. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims~~ further comprising a combustion control means for controlling gas exchange of the combustion in ~~the~~ a first combustion zone.

9. (Original) The burner as claimed in claim 8 wherein the control means comprises an opening that allows diffusion of oxygen into the combustion chamber and a closure for the opening.

10. (Currently Amended) The burner as claimed in claim 9 wherein the combustion control means ~~may~~ comprises a shutter that is arranged to adjust the opening so as to control the combustion in the combustion zone.

11. (Currently Amended) The burner as claimed in claim ~~9 or~~ 10 wherein the shutter is arranged to close the opening so as to extinguish a flame in the combustion zone.

12. (Original) The burner as claimed in claim 11 wherein the shutter is arranged so that, when the opening is closed, the lid portion overlaps the shutter.

13. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims~~ further comprising spacers positioned adjacent an external portion of the burner and arranged to avoid direct contact between the burner and an item that supports the burner.

14. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims~~ further comprising a tray in which the burner is positioned and which is arranged to avoid direct contact between the burner an item that supports the burner.

15. (Currently Amended) The burner as claimed in claim 13 ~~or~~ 14 wherein the item is combustible.

16. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims~~ wherein the burner is arranged for positioning in an item so that at least a portion

of the burner is positioned below a surface of the item.

17. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims wherein the burner is~~ arranged for positioning in a fireplace.

18. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims wherein the burner is~~ arranged for positioning in a furniture item.

19. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims wherein the combustion chamber~~ further comprises a fuel inlet opening through which the hydrocarbon liquid may be filled into the or each tank portion of the combustion chamber.

20. (Currently Amended) The burner as claimed in claim 8 ~~19 or 20~~ wherein the fuel inlet opening is remote from the opening of the combustion control means.

21. (Currently Amended) The burner as claimed in claim 19 or 20 wherein the fuel inlet opening comprises a closure.

22. (Currently Amended) The burner as claimed in claim 10 ~~9 or in anyone of claims 10 to 21 when dependent on claim 9~~ being arranged so that, when the shutter of the combustion control means is fully open, ~~the~~ a shutter of the fuel inlet opening is closed and only when at least a portion of the shutter of the combustion control means is closed the fuel inlet opening is fully open.

23. (Currently Amended) The burner as claimed in claim 22 wherein the shutter of the combustion control means and the shutter of the fuel inlet means are provided in the form of an integral part.

24. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims~~ comprising two tank portions between which the combustion zone is positioned.

25. (Original) The burner as claimed in claim 23 wherein the tank portions are separated from the combustion zone by wall portions that comprise apertures to allow

the fuel to penetrate from the tank portions into the combustion zone.

26. (Currently Amended) The burner as claimed in claim 1 ~~any one of the preceding claims wherein the burner comprises having~~ at least two tank portions and wherein the combustion zone is positioned between the at least two tank portions.

27. (Currently Amended) A heater comprising the burner as claimed in claim 1 ~~any one of claims 1 to 26.~~

28. (Currently Amended) A burner for a heater for combustion of a hydrocarbon liquid, the burner comprising:

a combustion chamber having a combustion zone for combusting the hydrocarbon liquid and at least one tank portion for containing an amount of the hydrocarbon liquid, the or each tank portion being positioned adjacent the combustion zone and being arranged to feed the hydrocarbon liquid into the combustion zone, and a fuel inlet portion having a closure[[,]] ; and

a combustion control means for controlling gas exchange of the combustion zone through an gas exchange opening of the combustion chamber

wherein the closure of the fuel inlet ~~opening~~ is arranged so that filling of the fuel into the or each tank portion is only possible if the combustion control means closes at least a portion of the gas exchange opening of the combustion chamber.

29. (Currently Amended) The burner as claimed in claim 28 wherein the combustion control means ~~typically~~ comprises a shutter for controlling the gas exchange through the gas exchange opening of the combustion chamber and wherein the closure of the fuel inlet opening also includes a shutter.

30. (Original) The burner as claimed in claim 29 wherein the shutter for controlling gas and the shutter of the fuel inlet opening are coupled.

31. (New) The burner as claimed in claim 14 wherein the item is combustible.